

SMD SHIELDED POWER INDUCTORS

COMPONENT

PRODUCT IDENTIFICATION



SDRSN 63B - 100 M

A B C D

A : SMD POWER CHOKE WITH SHIELD

B : DIMENSION CODE

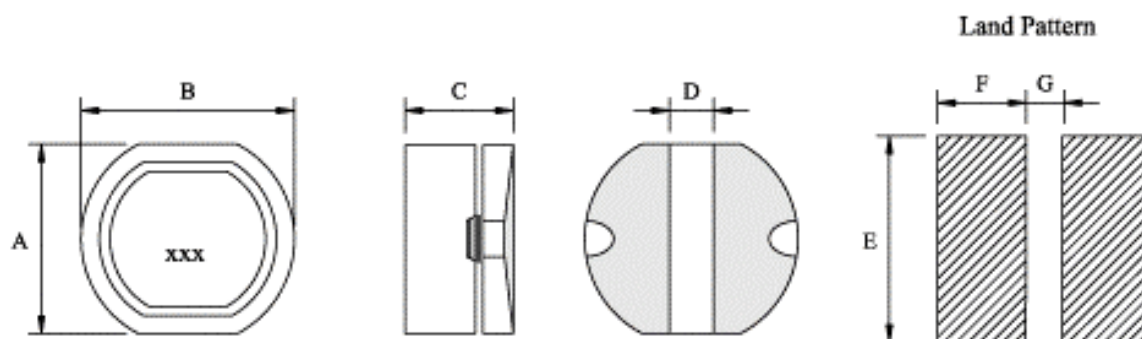
C : INDUCTANCE CODE

D : TOLERANCE(K:10%,L:15%M:20%,N:30%)

APPLICATIONS

VTR, OA equipment, LCD television set, Notebook, portable communication equipments, DC/DC converters, etc..

SHAPES & DIMENSIONS



Unit In mm

Type	A (max)	B (max)	C (max)	D ± 0.2	E ± 0.2	F	G
SDRSN63B	5.90	6.50	3.50	1.45	5.50	2.25	1.70
SDRSN74B	7.35	8.15	4.90	2.10	7.50	4.00	2.00
SDRSN105B	9.40	10.40	5.50	2.90	9.50	5.00	2.50

※Design as Customer's Requested Specifications.

SMD SHIELDED POWER INDUCTORS

COMPONENT

ELECTRICAL CHARACTERISTICS

SDRSN 63B/74B/105B SERIES

Inductance		63B			74B			105B		
Code	(uH)	Test Freq. (Hz)	RDC (Ω) Max.	IDC (A) Max.	Test Freq. (Hz)	RDC (Ω) Max.	IDC (A) Max.	Test Freq. (Hz)	RDC (Ω) Max.	IDC (A) Max.
100M	10.00	2.52M	0.140	1.00	2.52M	0.070	1.65	2.52M	0.060	2.06
120M	12.00	2.52M	0.160	0.94	2.52M	0.070	1.57	2.52M	0.070	1.94
150M	15.00	2.52M	0.180	0.86	2.52M	0.080	1.39	2.52M	0.070	1.72
180M	18.00	2.52M	0.250	0.78	2.52M	0.100	1.29	2.52M	0.080	1.58
220M	22.00	2.52M	0.320	0.76	2.52M	0.130	1.12	2.52M	0.080	1.42
270M	27.00	2.52M	0.360	0.64	2.52M	0.160	1.06	2.52M	0.100	1.32
330M	33.00	2.52M	0.410	0.61	2.52M	0.180	0.97	2.52M	0.110	1.16
390M	39.00	2.52M	0.470	0.53	2.52M	0.180	0.91	2.52M	0.120	1.10
470M	47.00	2.52M	0.510	0.50	2.52M	0.270	0.80	2.52M	0.140	1.00
560M	56.00	2.52M	0.720	0.46	2.52M	0.290	0.76	2.52M	0.190	0.93
680M	68.00	2.52M	0.820	0.42	2.52M	0.330	0.68	2.52M	0.210	0.85
820M	82.00	-	-	-	2.52M	0.430	0.62	2.52M	0.280	0.79
101M	100.00	-	-	-	1K	0.490	0.55	1K	0.340	0.72
121M	120.00	-	-	-	1K	0.680	0.49	1K	0.370	0.63
151M	150.00	-	-	-	1K	0.940	0.44	1K	0.510	0.55
181M	180.00	-	-	-	1K	1.000	0.40	1K	0.570	0.50
221M	220.00	-	-	-	1K	1.180	0.36	1K	0.780	0.47
271M	270.00	-	-	-	1K	1.300	0.33	1K	0.870	0.41
331M	330.00	-	-	-	-	-	-	1K	1.200	0.37
391M	390.00	-	-	-	-	-	-	1K	1.340	0.35
471M	470.00	-	-	-	-	-	-	1K	1.500	0.33

※ SDRSN74B-101~271 Test Freq. : 1KHz/0.25V.

※ SDRSN105B-101~471 Test Freq. : 1KHz/0.25V.

※ Operating Temp. : - 40°C ~ +85°C

※ Inductance drop = 10%typ. at IDC.